

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of downloading re-programming data from a network for installation in a radio transmitter/receiver comprising:

receiving communication from a first dedicated channel; and

broadcasting, on the first dedicated channel, at least the frequency and radio access parameters of a second channel from which re-programming data is downloaded,

wherein the radio access parameters comprise parameters indicative of communication standards supported by the network,

wherein a bandwidth of the first dedicated channel is narrower than the bandwidth of the second channel,

wherein the first dedicated channel is a pilot channel that is a channel separate from a traffic channel and a control channel.

2. (previously presented): The method of downloading re-programming data from a network as in claim 1, wherein the first dedicated channel has a standard radio interface common to plurality of network locations.

3. (previously presented): The method of downloading re-programming data from a network as in claim 2, wherein the second channel has a standard radio interface common to plurality of network locations.

4. (previously presented): The method of downloading re-programming data from a network as in claim 1 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

5. (previously presented): The method of downloading re-programming data from a network as in claim 2 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

6. (previously presented): The method of downloading re-programming data from a network as in claim 3 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

7. (previously presented): The method of downloading re-programming data from a network as in claim 1, wherein the radio transmitter/receiver is configured to support the radio interfaces for both the first dedicated channel and the second channel.

8. (currently amended): A method for downloading re-programming data over-the-air from a network for installation in a radio transmitter/receiver, comprising :

providing a first channel for dedicated use and a second channel to download the re-programming data, a bandwidth of the first channel being narrower than the bandwidth of the second channel;

broadcasting, on the first channel, at least frequency and radio access parameters of the second channel, wherein the radio access parameters comprise parameters indicative of communication standards supported by the network; and then

downloading the re-programming data to the radio transmitter/receiver on the second channel based on the broadcasted parameters,

wherein the first channel is a pilot channel that is a channel separate from a traffic channel and a control channel.

9. (previously presented): The method according to claim 8 wherein a standard radio interface common to a plurality of networks is established with respect to the first channel.

10. (previously presented): The method according to claim 8 wherein another standard radio interface common to a plurality of networks is established with respect to the second channel.

11. (previously presented): The method according to claim 7 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

12. (previously presented): The method according to claim 8 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

13. (previously presented): The method according to claim 9 further comprising broadcasting a list of sets of parameters corresponding to networks available in the region on the first dedicated channel.

14. (canceled).

15. (new): The method according to claim 1, wherein the second channel is a bootstrap channel comprising:

a first sub-channel; and

a second sub-channel,

wherein the re-programming data is downloaded via the first sub-channel, and a signal control for error reduction during communication is performed via the second sub-channel.

16. (new): The method according to claim 8, wherein the second channel is a bootstrap channel comprising:

a first sub-channel; and

a second sub-channel,

wherein the re-programming data is downloaded via the first sub-channel, and a signal control for error reduction during communication is performed via the second sub-channel.

17. (new): The method according to claim 1, further comprising:

checking if a programming of the radio transmitter/receiver is compliant with the parameters indicative of the communication standards supported by the network;

if the programming of the radio transmitter/receiver is not compliant with the parameters indicative of the communication standards supported by the network, terminating processing of the radio transmitter/receiver; and

if the programming of the radio transmitter/receiver is compliant with the parameters indicative of the communication standards supported by the network, establishing communication between the radio transmitter/receiver and the network on the second channel.

18. (new): The method according to claim 17, further comprising

if the programming of the radio transmitter/receiver is compliant with the parameters indicative of the communication standards supported by the network, determining if a communication change has been requested;

if the communication change has not been requested, releasing communication on the second channel; and

if the communication change has been requested, performing the requested communication change.

19. (new): The method according to claim 18, wherein the performing of the requested communication change comprises:

maintaining communication between the radio transmitter/receiver and the network on the second channel;

determining if the radio transmitter/receiver is configured to support the requested communication change;

if the radio transmitter/receiver is not configured to support the requested communication change, reconfiguring the radio transmitter/receiver to support the requested communication change; and

downloading to the transmitter/receiver, on the second channel, the re-programming data for performing the requested communication change.

20. (new): The method according to claim 19, wherein the reconfiguring of the radio transmitter/receiver comprises downloading to the radio transmitter/receiver, on the second channel, a scheme/protocol required to support the requested communication change.